SEQUENCE LISTING

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<120> Classification of Colon Cancer

<130> P949US00

<160> 139

<170> PatentIn version 3.1

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<213> NM_001144.3| Homo sapiens autocrine motility factor receptor (AMFR), transcript variant 1, mRNA

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<213> NM_006291.2| Homo sapiens tumor necrosis factor, alpha-induced protein 2 (TNFAIP2), mRNA

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<212> DNA

<213> NM_001071.1| Homo sapiens thymidylate synthetase (TYMS), mRNA

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<211> 2986

<212> DNA

<213> NM_000201.1| Homo sapiens intercellular adhesion molecule 1 (CD54), human rhinovirus receptor (ICAM1), mRNA

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<213> NM_004492.1| Homo sapiens general transcription factor IIA, 2 (12kD subunit) (GTF2A2), mRNA

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<211> 6401

<212> DNA

<213> NM_004850.3| Homo sapiens Rho-associated, coiled-coil containing protein kinase 2 (ROCK2), mRNA

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<213> NM_005783.3| Homo sapiens thioredoxin domain containing 9 (TXNDC9), mRNA

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<211> 1276
<212> DNA
<213> NM_003581.1| Homo sapiens NCK adaptor protein 2 (NCK2), mRNA

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<210> 22

<211> 1577

<212> DNA

<213> NM_006214.2| Homo sapiens phytanoyl-CoA hydroxylase (Refsum disease) (PHYH), mRNA

<400> 22

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<211> 3060

<212> DNA

<213> NM_004739.2| Homo sapiens metastais-associated gene family, member 2 (MTA2), mRNA

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<211> 2407

<212> DNA

<213> NM_001091.1| Homo sapiens amiloride binding protein 1 (amine oxidase (copper-containing)) (ABP1), mRNA

<400> 24

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<211> 1094
<212> DNA
<213> NM_000712.3| Homo sapiens biliverdin reductase A (BLVRA), mRNA

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<211> 5546

<212> DNA

<213> NM_000933.2| Homo sapiens phospholipase C, beta 4 (PLCB4), transcript variant 1, mRNA

<400> 26

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<213> NM_002416.1| Homo sapiens chemokine (C-X-C motif) ligand 9 (CXCL9), mRNA

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<213> NM_005859.2| Homo sapiens purine-rich element binding protein A (PURA), mRNA

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<211> 1575

<212> DNA

<213> NM_014298.3| Homo sapiens quinolinate phosphoribosyltransferase (nicotinate-nucleotide pyrophosphorylase (carboxylating)) (QPRT), mRNA

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<211> 768

<212> DNA

<213> NM_004585.2| Homo sapiens retinoic acid receptor responder (tazarotene induced) 3 (RARRES3), mRNA

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<210> 31

<211> 696

<212> DNA

<213> NM_002984.1| Homo sapiens chemokine (C-C motif) ligand 4 (CCL4), mRNA

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<211> 3338

<212> DNA

<213> NM_001455.2| Homo sapiens forkhead box O3A (FOXO3A), transcript variant 1, mRNA

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<213> NM_152873.1| Homo sapiens tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 4, mRNA

<400> 33

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aaaaaa 2646

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<212> DNA

<213> NM_002038.2| Homo sapiens interferon, alpha-inducible protein (clone IFI-6-16) (G1P3), transcript variant 1, mRNA

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<210> 35

<211> 1172

<212> DNA

<213> NM_001565.1| Homo sapiens chemokine (C-X-C motif) ligand 10 (CXCL10), mRNA

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<210> 36

<211> 396

<212> DNA

<213> NM_005950.1| Homo sapiens metallothionein 1G (MT1G), mRNA

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<210> 37

<211> 2755

<212> DNA

<213> NM_000043.3| Homo sapiens tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 1, mRNA

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aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaa 2755

<210> 38

<211> 1600

<212> DNA

<213> NM_001953.2| Homo sapiens endothelial cell growth factor 1 (platelet-derived) (ECGF1), mRNA

<400> 38

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<211> 931

<212> DNA

<213> NM_005138.1| Homo sapiens SCO cytochrome oxidase deficient homolog 2 (yeast) (SCO2), nuclear gene encoding mitochondrial protein, mRNA

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<210> 40

<211> 1216

<212> DNA

<213> NM_006419.1| Homo sapiens chemokine (C-X-C motif) ligand 13 (B-cell chemoattractant) (CXCL13), mRNA

<400> 40

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<211> 738

<212> DNA

<213> NM_006433.2| Homo sapiens granulysin (GNLY), transcript variant NKG5, mRNA

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<211> 1579

<212> DNA

<213> NM_001767.2| Homo sapiens CD2 antigen (p50), sheep red blood cell receptor (CD2), mRNA

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<212> DNA

<213> NM_003212.1| Homo sapiens teratocarcinoma-derived growth factor 1 (TDGF1), mRNA

<400> 44

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<211> 367
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<213> NM_005951.1| Homo sapiens metallothionein 1H (MT1H), mRNA

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<211> 3052

<212> DNA

<213> NM_000767.4| Homo sapiens cytochrome P450, family 2, subfamily B, polypeptide 6 (CYP2B6), mRNA

<400> 46

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<211> 1645

<212> DNA

<213> NM_003811.2| Homo sapiens tumor necrosis factor (ligand) superfamily, member 9 (TNFSF9), mRNA

<400> 47

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<211> 6640

<212> DNA

<213> NM_006047.4| Homo sapiens RNA binding motif protein 12 (RBM12), transcript variant 1, mRNA

<400> 48

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<212> DNA

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<211> 2090

<212> DNA

<213> NM_003242.3| Homo sapiens transforming growth factor, beta receptor II (70/80kDa) (TGFBR2), mRNA

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<211> 4568

<212> DNA

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<213> NM_021200.1| Homo sapiens pleckstrin homology domain containing, family B (evectins) member 1 (PLEKHB1), mRNA

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<210> 61

<211> 1655

<212> DNA

<213> NM_002164.3| Homo sapiens indoleamine-pyrrole 2,3 dioxygenase (INDO), mRNA

<400> 61

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aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaa 1655

<210> 62

<211> 2242

<212> DNA

<213> NM_021784.3| Homo sapiens forkhead box A2 (FOXA2), transcript variant 1, mRNA

<400> 62

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ttaaagtgtt atacccggtt tt 2242

<210> 63

<211> 1047

<212> DNA

<213> NM_033423.2| Homo sapiens granzyme H (cathepsin G-like 2, protein h-CCPX) (GZMH), mRNA

<400> 63

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gaggccaagc cccactcccg cccctacatg gcctttgttc agtttctgca agagaagagt 180

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aaaaaaaaaa aaaaaaaaaa aaaaaaa 1047

<210> 64

<211> 5243

<212> DNA

<213> NM_001165.3| Homo sapiens baculoviral IAP repeat-containing 3 (BIRC3), transcript variant 1, mRNA

<400> 64

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<210> 65

<211> 3850

<212> DNA

<213> NM_005682.4| Homo sapiens G protein-coupled receptor 56 (GPR56), transcript variant 1, mRNA

<400> 65

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<212> DNA

<213> NM_015352.1| Homo sapiens protein O-fucosyltransferase 1 (POFUT1), transcript variant 1, mRNA

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<211> 722
<212> DNA
<213> NM_175617.2| Homo sapiens metallothionein 1E (functional) (MT1E), mRNA

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<213> NM_003283.3| Homo sapiens troponin T1, skeletal, slow (TNNT1), mRNA

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<211> 2213
<212> DNA
<213> NM_004067.1| Homo sapiens chimerin (chimaerin) 2 (CHN2), mRNA

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<211> 2201

<212> DNA

<213> NM_005520.1| Homo sapiens heterogeneous nuclear ribonucleoprotein H1 (H) (HNRPH1), mRNA

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<210> 75

<211> 1895

<212> DNA

<213> NM_004046.4| Homo sapiens ATP synthase, H+ transporting, mitochondrial F1 complex, alpha subunit, isoform 1, cardiac muscle (ATP5A1), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA

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<213> NM_005041.3| Homo sapiens perforin 1 (pore forming protein) (PRF1), mRNA

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<400> 78

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<212> DNA

<213> NM_018206.3| Homo sapiens vacuolar protein sorting 35 (yeast) (VPS35), mRNA

<400> 80

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<211> 702

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<210> 85

<211> 1510

<212> DNA

<213> NM_018478.1| Homo sapiens chromosome 20 open reading frame 35 (C20orf35), mRNA

<400> 85

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aaaaaaaaaa 1510

<210> 86

<211> 3105

<212> DNA

<213> NM_030674.2| Homo sapiens solute carrier family 38, member 1 (SLC38A1), mRNA

<400> 86

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<210> 87

<211> 2711

<212> DNA

<213> NM_016028.4| Homo sapiens suppressor of variegation 4-20 homolog 1 (Drosophila) (SUV420H1), transcript variant 2, mRNA

<400> 87

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<210> 88

<211> 2977

<212> DNA

<213> NM_022105.2| Homo sapiens death associated transcription factor 1 (DATF1), transcript variant 1, mRNA

<400> 88

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<211> 1047

<212> DNA

<213> NM_018487.2| Homo sapiens hepatocellular carcinoma-associated antigen 112 (HCA112), mRNA

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<210> 90

<211> 2785

<212> DNA

<213> NM_014454.1| Homo sapiens sestrin 1 (SESN1), mRNA

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<213> NM_019008.4| Homo sapiens hypothetical protein FLJ20232 (FLJ20232), mRNA

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<211> 7577

<212> DNA

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<213> NM_004764.2| Homo sapiens piwi-like 1 (Drosophila) (PIWIL1), mRNA

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<213> NM_000249.2| Homo sapiens mutL homolog 1, colon cancer, nonpolyposis type 2 (E. coli) (MLH1), mRNA

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<212> DNA

<213> NM_001313.2| Homo sapiens collapsin response mediator protein 1 (CRMP1), mRNA

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<213> NM_002145.2| Homo sapiens homeo box B2 (HOXB2), mRNA

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<211> 3262

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<213> NM_002860.2| Homo sapiens aldehyde dehydrogenase 18 family, member A1 (PYCS/ALDH18A1), mRNA

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<212> DNA

<213> NM_005655.1| Homo sapiens TGFB inducible early growth response (TIEG), mRNA

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<211> 3138

<212> DNA

<213> NM_018223.1| Homo sapiens checkpoint with forkhead and ring finger domains (CHFR), mRNA

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<211> 2745

<212> DNA

<213> NM_033542.1| Homo sapiens chromosome 20 open reading frame 35 (C20orf35), mRNA

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<211> 2152

<212> DNA

<213> NM_138932.1| Homo sapiens apobec-1 complementation factor (ACF), transcript variant 2, mRNA

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<212> DNA

<213> NM_145343.1| Homo sapiens apolipoprotein L, 1 (APOL1), transcript variant 2, mRNA

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<211> 2759

<212> DNA

<213> NM_080796.1| Homo sapiens death associated transcription factor 1 (DATF1), transcript variant 2, mRNA

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<210> 122

<211> 781

<212> DNA

<213> NM_177953.1| Homo sapiens dynein, cytoplasmic, light polypeptide 2A (DNCL2A), transcript variant 2, mRNA

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<210> 123

<211> 841

<212> DNA

<213> NM_022873.1| Homo sapiens interferon, alpha-inducible protein (clone IFI-6-16) (G1P3), transcript variant 3, mRNA

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<210> 124

<211> 4652

<212> DNA

<213> NM_183047.1| Homo sapiens protein kinase C binding protein 1 (PRKCBP1), transcript variant 1, mRNA

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<211> 3217

<212> DNA

<213> NM_017452.1| Homo sapiens staufen, RNA binding protein (Drosophila) (STAU), transcript variant T2, mRNA

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<212> DNA

<213> NM_199169.1| Homo sapiens transmembrane, prostate androgen induced RNA (TMEPAI), transcript variant 2, mRNA

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<210> 129

<211> 2692

<212> DNA

<213> NM_152871.1| Homo sapiens tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 2, mRNA

<400> 129

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gactcagaac ttggaaggcc tgcatcatga tggccaattc tgccataagc cctgtcctcc 540

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<210> 130

<211> 2730

<212> DNA

<213> NM_152872.1| Homo sapiens tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 3, mRNA

<400> 130

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acggagttgg ggaagctctt tcacttcgga ggattgctca acaaccatgc tgggcatctg 360

gaccctccta cctctggttc ttacgtctgt tgctagatta tcgtccaaaa gtgttaatgc 420

ccaagtgact gacatcaact ccaagggatt ggaattgagg aagactgtta ctacagttga 480

gactcagaac ttggaaggcc tgcatcatga tggccaattc tgccataagc cctgtcctcc 540

aggtgaaagg aaagctaggg actgcacagt caatggggat gaaccagact gcgtgccctg 600

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ccatttatgg aggatttttt tgcccttgt gtttggaatt ataaaatata ggtaaaagta 2640

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aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 2730

<210> 131

<211> 2563

<212> DNA

<213> NM_152874.1| Homo sapiens tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 8, mRNA

<400> 131

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ccagcgaggc ttccttccca tcctcctgac caccggggct tttcgtgagc tcgtctctga 120

tctcgcgcaa gagtgacaca caggtgttca aagacgcttc tggggagtga gggaagcggt 180

ttacgagtga cttggctgga gcctcagggg cgggcactgg cacggaacac accctgaggc 240

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acggagttgg ggaagctctt tcacttcgga ggattgctca acaaccatgc tgggcatctg 360

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<210> 132

<211> 2445

<212> DNA

<213> NM_152876.1| Homo sapiens tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 6, mRNA

<400> 132

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ccagcgaggc ttccttccca tcctcctgac caccggggct tttcgtgagc tcgtctctga 120

tctcgcgcaa gagtgacaca caggtgttca aagacgcttc tggggagtga gggaagcggt 180

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<210> 133

<211> 2508

<212> DNA

<213> NM_152877.1| Homo sapiens tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 7, mRNA

<400> 133

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ccagcgaggc ttccttccca tcctcctgac caccggggct tttcgtgagc tcgtctctga 120

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gaccctccta cctctggttc ttacgtctgt tgctagatta tcgtccaaaa gtgttaatgc 420

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aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaa 2508

<210> 134

<211> 2583

<212> DNA

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<213> NM_000251. Homo sapiens mutS...[gi:4557760]

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<211> 4264

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<213> NM_000179. Homo sapiens mutS...[gi:4504190]

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